MORGAN AERO 8 -
THE LATEST ALL-ALUMINIUM SUPER PERFORMER

MORGAN

MORGAN MOTOR COMPANY

DRIVEN AT HEART

Following its time honoured tradition of continuous improvement rather than outright model change; Morgan has updated its high performance, lightweight Aero 8 for 2006.

The most striking change is a restyled front, that bears more than a passing resemblance to the graceful lines of the AeroMax coupe that starred at last year's Salon de L'auto at Geneva. Now the all-aluminium super performer sports more traditional Morgan lines, whilst preserving its remarkable handling and performance.

AWESOME POWER
A TRUE MORGAN THOROUGHBRED
FEATURE RICH
V8 SUPER-POWER DRIVETRAIN
STANDARD EQUIPMENT – MORGAN AERO 8 PRICING
OPTIONAL EQUIPMENT & PRICING
TECHNICAL SPECIFICATION

AWESOME POWER

Experience the thrill of being behind the wheel of an Aero 8, and you will be hooked by its display of awesome, controlled power. The advanced aluminium chassis technology is beautifully complemented by highly developed aerodynamics, the very latest in V8 engine technology and ABS, Electronic Brake Distribution and Drag Torque Control which all combine to maximise balance and poise without over compensating for driver involvement.

Remarkably, all of this state-of-the-art technology has been packaged into a car that is actually lighter than its predecessor. A testament to the Morgan design team who have melded together a super-car that weighs in at only 1145 Kg!!

◄ REVERSE FORWARD ►

A TRUE MORGAN THOROUGHBRED

The latest Aero 8 is every inch a thoroughbred Morgan. Although developed and honed on the modern day race track, its parentage can be traced back through almost 100 years of motoring heritage.

Faithful to Morgan tradition, each Aero 8 is hand built using only the finest quality natural materials, and to an exact customer specification. Making every one an exclusively beautiful motor car, in its own right.

FEATURE RICH

Continuous design development since its original launch, means the latest Aero 8 has been refined throughout.

The cockpit has been widened by 6". Air conditioning, ABS, Cruise control, electronic power steering and driver's and passengers airbags are all standard features. So too the heated front screen, headlight wash, tyre pressure and temperature monitoring from the aluminium machine turned dashboard, the remote central locking and electric boot release. Comfort has also been enhanced with increased sound and heat proofing and a rubber mounted differential for increased refinement. Plus, for the first time, a lightweight carbon composite top is now available.

V8 SUPER-POWER DRIVETRAIN

The latest 4.4 litre V8 from BMW pushes out 325 Bhp and 331 lb/ft torque, yet still exceeds the latest emission requirements, including full EPA certification for the USA. Couple this drivetrain with the lightest aluminium technology and the Aero 8 is propelled from 0 – 62 mph in under 4.5 seconds.

Yet it also possesses the ability to come to a full stop, from 62 mph in just 35.8 metres, or put another way, less than 9 car lengths.

STANDARD EQUIPMENT

- Heated windscreen
- Remote central locking
- Tyre pressure and temperature monitoring
- Remote boot release
- Driver and passenger airbags
- Electric power steering
- ABS
- DTC
- EBD
- Headlight wash
- Pre Audio installation
- Cruise control
- Air conditioning

	BASIC	VAT	TOTAL
Aero 8	£53,191.49	£9,308.51	£62,500.00
Aero 8 Federal Model	£62,500.00	£ -	£62,500.00

OPTIONAL EQUIPMENT & PRICING

The optional Schedoni luggage has been designed to fit comfortably within the boot space.

OPTION PRICES AND AVAILABILITY

INTERIOR	Basic	VAT	Total
Leather Interior (std. USA)	£1,700.00	£297.50	£1,997.50
Raven Ash Wood Stain	£150.00	£26.25	£176.25
Door pockets and accessories tray	£250.00	£43.75	£293.75
Blaupunkt RDS radio CD (not USA)	£320.00	£56.00	£376.00

EXTERIOR	Basic	VAT	Total
Special paint	£100.00	£17.50	£117.50
Metallic paint	£435.00	£76.13	£511.13
2 tone paintwork	£590.00	£103.25	£693.25
2 tone special solid colours	£690.00	£120.75	£810.75
2 tone metallic paint	£1,025.00	£179.38	£1,204.38
Hood cover	£250.00	£43.75	£293.75
Webflex car cover for interior and exterior use	£170.00	£29.75	£199.75
Paint protective film	£595.00	£104.13	£699.13
Hard top body colour	£2,500.00	£437.50	£2,937.50
Hard top special colour	£2,700.00	£472.50	£3,172.50
Side exit exhaust preparation (EEC only)	£250.00	£43.75	£293.75
Side exit exhaust system	£1,000.00	-	£1,000.00
Schedoni fitted luggage - 2 cases set	£846.81	£148.19	£995.00
Photographic build record	£120.00	£21.00	£141.00

TECHNICAL SPECIFICATION

Configuration	V8
Bore & Stroke, mm/inches	82.7 x 92/3.25 x 3.6
Engine capacity, cc	4398
Max. output EEC, bhp/rpm	325/6100
Max. torque EEC, lb ft/rpm	330/3600
Valve mechanism	4 cam 32 valve Double 'Vanos' Valvetronic
Fuel system	Bosch fuel injection and ignition system
Exhaust system	Stainless steel
Compression ratio	10.0:1
Alternator output	140 amp max.

Unofficial test data:

Maximum speed	160mph
0-62 mph (100 kph)	4.5 secs

Transmission

Final drive	BTR Limited slip 3.08:1

Indirect ratios:

1st gear	4.05:1
2nd gear	2.4:1
3rd gear	1.58:1
4th gear	1.19:1
5th gear	1:1
6th gear	0.87:1

Steering

Type	Electronic torque sensitive variable pump Variable ratio power rack, 2 turns to lock
Turning circle ft/m	32/10
Rake / Reach adjust	2in/5.08cm

Suspension

Front	Independent - unique long cantilever upper arm with lower wishbone and inboard Eibach coil springs over Koni shock absorbers
Rear	Independent long transverse wishbones with cantilever mounted, fully floating inboard Eibach coil springs over Koni shock absorbers
Anti roll bars	None

Brakes

Type	AP Racing to Morgan specification
Front ventilated	350mm/13.7in cast iron
Rear ventilated	332mm/13.07in cast iron
Calipers front	6 pot alloy
Calipers rear	2 pot alloy
	ABS
	EBD (Electronic Brake Distribution)
	DTC (Drag Control Torque)
Drag co-efficient	0.39

Fuel Tank

Volume litres/ US gallons	55/14.5
Fuel Consumption	Urban conditions 16.3 l/100km 17.3 mpg (imperial) Extra Urban conditions 7.9 l/100km 35.8 mpg (imperial) Combined 10.9 l/100km 25.9 mpg (imperial)
CO2 emissions	264 g/100km

Weights

Unofficial test data:	
Weight	1145kg/2520 lbs
Ground clearance	4" or 10cm
Weight distribution with one occupant	50/50

Wheels and Tyres

Wheels	18" Rimstock forged alloy wheels
Tyres (Front)	Pirelli 225/40/ 18
Tyres (Rear)	Pirelli 245/40/18 Pressure sensors with internal visual/audible pressure information

Chassis

Ultra stiff CAD designed aluminum alloy chassis specially treated and bonded with Gurrit Essex adhesive and riveted with Bollhoff rivets

Dimensions

Length:	4120mm/13ft 6in
Width:	1770mm/5ft 9in
Height:	1200mm/3ft 11in

For more information please contact your Morgan Dealer.

Dealer Locator

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Please note: All weights for any specific vehicle will vary according to standard and optional equipment fitted. A weighbridge must be used to determine specific weights. All optional specifications at extra cost. All weights and dimensions are average figures for standard vehicles.

All specifications are subject to change without warning but are correct at time of going to press.